



# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	1
<b>Complete if Known</b>			
Application Number		10/748,508	
Filing Date		December 30, 2003	
First Named Inventor		Irene Spitsberg et al.	
Art Unit			
Examiner Name			
Attorney Docket Number		129967	

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-	Number - Kind Code <sup>2</sup> (if known)			
		US-	3,525,597	08/25/70	Mazdiyasi et al	
		US-	4,535,033	08/13/85	Stecura	
		US-	5,876,860	03/02/99	Marijnissen et al	
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		US-	2003/0077477 A1	04/24/03	Bruce et al	
		US-	2003/0129316 A1	06/10/03	Darolia et al	
		US-	2003/0059633 A1	03/27/03	Ackerman et al	
		US-	2003/0108768 A1	06/12/03	Subramanian	
		US-	2003/0049470 A1	03/13/03	Maloney	
		US-	2003/0224200 A1	12/04/03	Bruce	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s) volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		HWANG et al, <i>Grain Size Control Of Tetragonal Zirconia Polycrystals Using the Space Charge Concept</i> , J. Am. Ceram. Soc., (1990), 73(11):3269-77	
		KIM, "Effect of Ta <sub>2</sub> O <sub>5</sub> , Nb <sub>2</sub> O <sub>5</sub> , and HfO <sub>2</sub> Alloying on the Transformability of Y <sub>2</sub> O <sub>3</sub> -Stabilized Tetragonal ZrO <sub>2</sub> ," J. Am. Ceram. Soc., 73(1):115-120	
		NAKAYAMA et al., "Effect of La <sub>2</sub> O <sub>3</sub> Addition on Thermal Stability of Y-TZP," J. Mat. Sci. Lett., 18:1339-41 (1999)	
		VASSEN et al., "Zirconates as New Materials for Thermal Barrier Coatings," J. Am. Ceram. Soc., 83(8):2023-28 (2000)	

Examiner Signature		Date Considered	11/27/04
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Attorney Docket No. 129967



**COPENDING U.S. PATENT APPLICATIONS**

Examiner Initial	Applicant(s)	Serial No.	Filing Date	Attorney Docket No.
<i>SW</i>	Gorman et al	10/748,516	12/30/03	127051
<i> </i>	Boutwell et al	10/748,517	12/30/03	127084
<i> </i>	Darolia et al.	10/748,519	12/30/03	128895
<i> </i>	Spitsberg et al	10/748,520	12/30/03	129968
<i> </i>	Spitsberg et al	10/748,521	12/30/03	130706
<i>b</i>	Spitsberg et al	10/748,518	12/30/03	130707
<i>SW</i>	Spitsberg et al	10/748,513	12/30/03	143385